

M 3.5, 4 km E of Petrolia, CA
Origin Time: 2023-08-17 21:07:59 UTC (Thu 14:07:59 local)
Location: 40.3140° N 124.2811° W Depth: 38.5 km

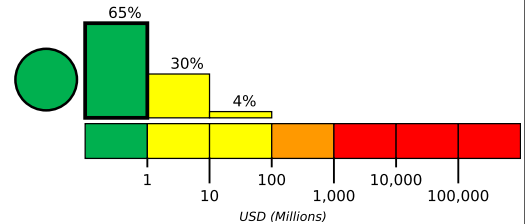
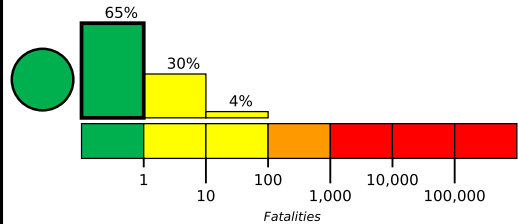
PAGER Version 3

Created: 1 day, 0 hours after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

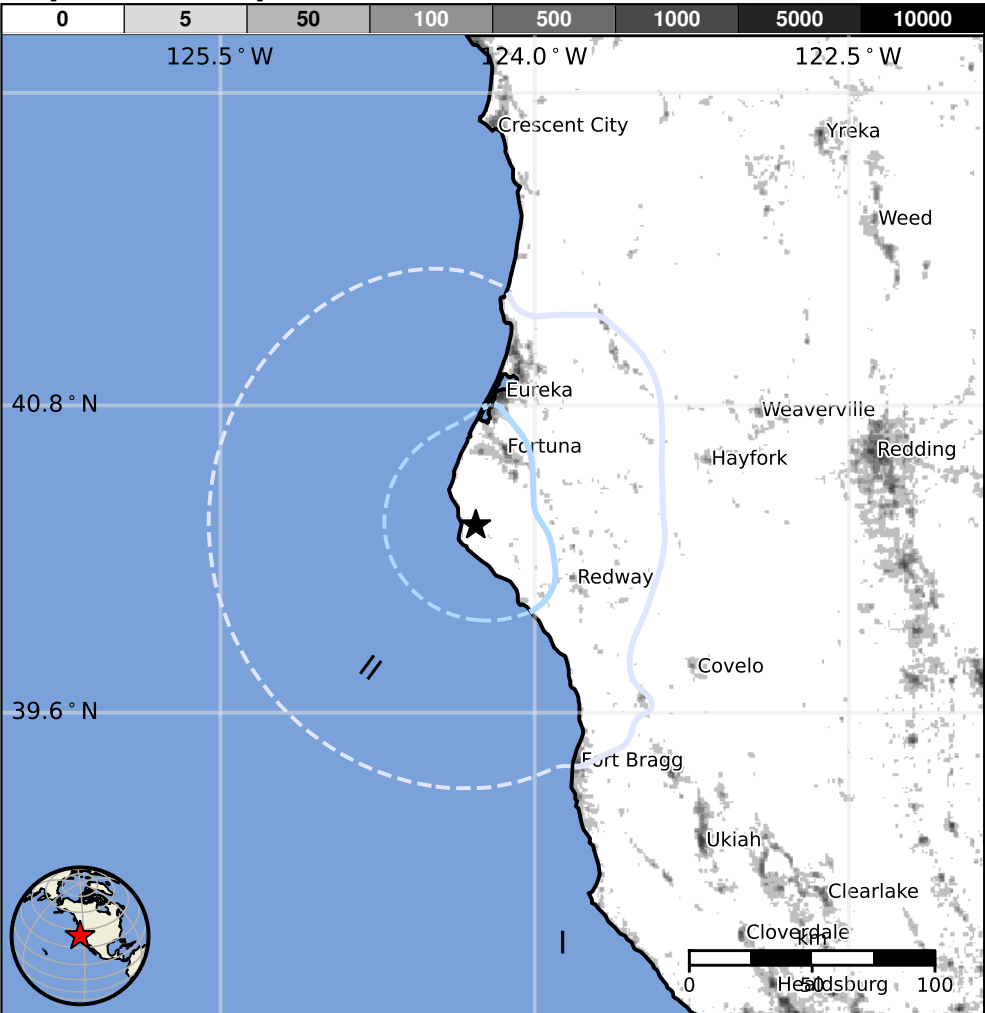


Estimated Population Exposed to Earthquake Shaking

Table with 10 columns: Exposure, Modified Mercalli Intensity, Perceived Shaking, and Potential Damage for various intensity levels (I to X+).

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist.

Historical Earthquakes

Table with 4 columns: Date (UTC), Dist. (km), Mag., and Shaking Deaths. Lists three historical earthquakes.

Recent earthquakes in this area have caused secondary hazards such as landslides and liquefaction that might have contributed to losses.

Selected City Exposure

Table with 2 columns: City and Population. Lists cities and their populations, with bold cities appearing on the map.